

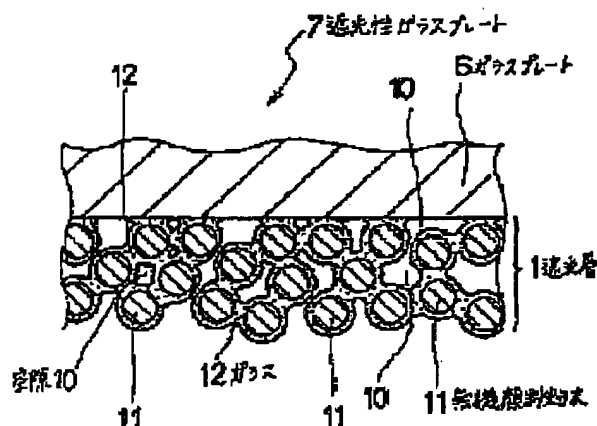
SHADING GLASS PLATE

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Abstract of JP10273342

PROBLEM TO BE SOLVED: To obtain a shading glass plate excellent in mechanical strength and thermal shock resistance and having a broad selectivity concerning an applicable color. **SOLUTION:** This glass plate is constituted as follows: a porous shading layer 31 composed of 40 to 30% wt.% inorganic pigment powder and 10 to 60 wt.% glass flux is formed on the surface of a glass plate 6 consisting of transparent and low-expansion crystallized glass; and there are joints between adjoining inorganic pigment particles 11 and between the inorganic pigment particle 11 and the glass plate 6 by a glass material resulted from fusing and solidifying the glass flux 12. Preferably, any pattern consisting of a shading layer is formed on the surface of the glass plate 6 and the glass flux contains Li_2O - Al_2O_3 - SiO_2 - PbO - B_2O_3 .



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